



Crop Progress and Condition

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In Cooperation with:
Univ. of KY – Agr'l Weather Center
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Cooperative Extension Service

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Agricultural News: Kentucky experienced above normal temperatures and below normal rainfall over the past week. Precipitation for the week totaled 0.74 inches, 0.30 inches below normal. Temperatures averaged 62 degrees for the week, 4 degrees above normal. **Topsoil moisture** was rated 1 percent short, 73 percent adequate, and 26 percent surplus. **Subsoil moisture** was rated 1 percent short, 76 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 4.0 out of a possible seven.

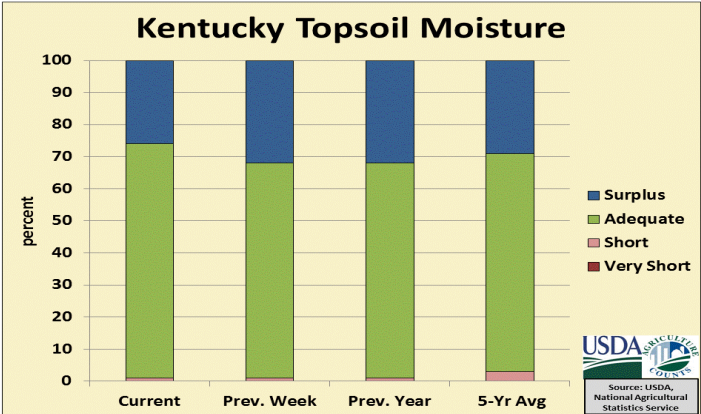
Primary activities for this week included corn and soybean planting along with continued tobacco transplant seeding. While several regions battled persistent precipitation, others received weather conducive to progress in the fields. Corn planting is well ahead of last year at this time, but slightly below the five year average. Soybean planting is ahead of both last year and the five year average at this juncture. Ninety two percent of tobacco transplants have been seeded. The average height of transplants were reported as 38 percent less than 2 inches, 48 percent 2-4 inches, and 14 percent larger than 4 inches.

The average height of winter wheat was 23 inches, up from 18 inches last week. The average height of alfalfa was 9 inches, compared to 8 inches the previous week. There has been a shortage of hay as pastures were adversely affected by the extremely wet winter and spring. Hay supply was reported as 22 percent very short, 40 percent short, 35 percent adequate, and 3 percent surplus. Strawberry condition was rated as 1 percent very poor, 2 percent poor, 24 percent fair, 60 percent good, and 13 percent excellent.

SOIL MOISTURE for week ending 04/28/19

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	1	73	26
Subsoil	-	1	76	23

- Represents zero.



CROP PROGRESS for week ending 04/28/19

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Planted	28	17	14	31
Corn Emerged	12	3	3	11
Soybeans Planted	4	1	1	2
Tobacco Transplants Seeded	92	82	88	-1
Winter Wheat Headed	24	4	5	26

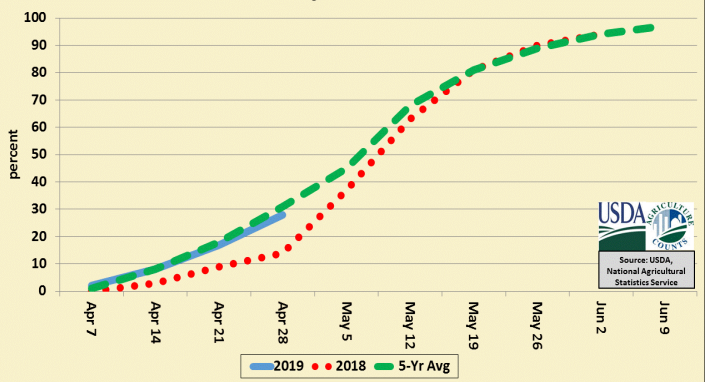
-1 Represents not available.

CROP CONDITIONS for week ending 04/28/19

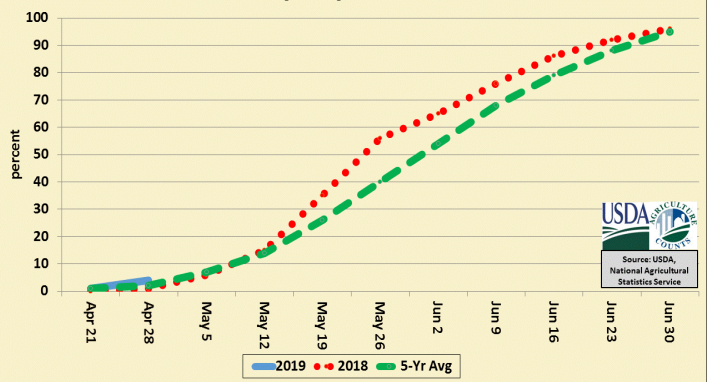
Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Hay	3	9	31	51	6
Livestock	3	14	29	48	6
Pasture	3	12	30	49	6
Strawberries	1	2	24	60	13
Tobacco Transplants	-	2	17	75	6
Wheat	2	4	23	53	18

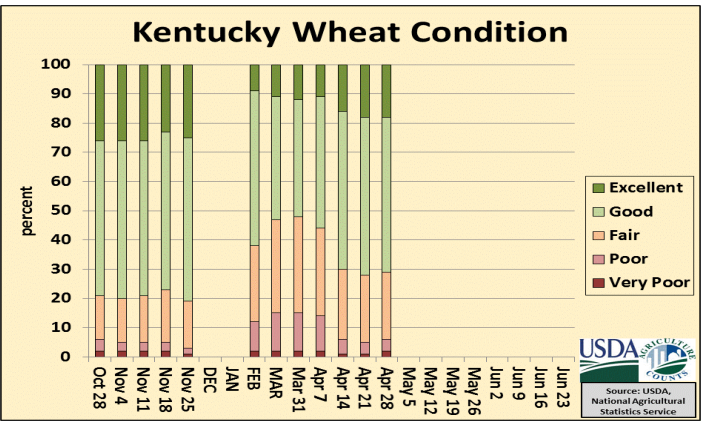
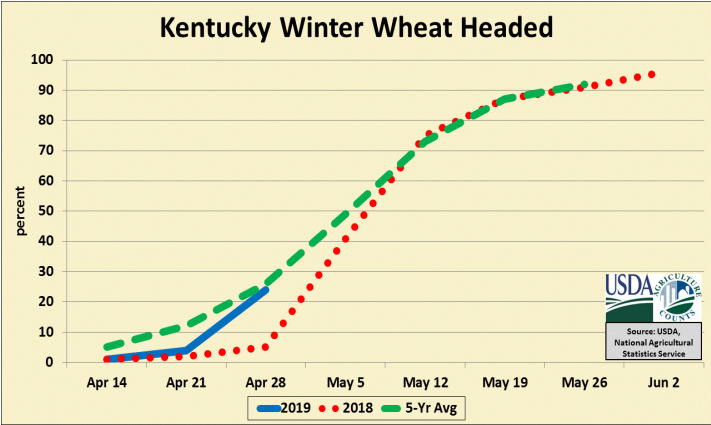
- Represents zero.

Kentucky Corn Planted



Kentucky Soybeans Planted





Kentucky Climate Summary
For the Period April 22, 2019 to April 28, 2019

Above Normal Temperatures and Below Normal Rainfall:

The first half of the work week started on the warm side with high temperatures topping out in the middle 70s to low 80s for highs. After a dry Monday, a frontal boundary sank into the area and with disturbances passing overhead, sparked several rounds of showers and storms through Friday. The most widespread activity occurred Thursday and Thursday night. Overall, the highest accumulations for the week were confined to areas along the Ohio River and the Northern Bluegrass with around 1 to 2+ inches. Those numbers declined to the southern half of the state as most were under a half inch for the week.

Temperatures for the period averaged 62 degrees across the state which was 4 degrees warmer than normal and 6 degrees warmer than the previous period. High temperatures averaged from 74 in the West to 74 in the East. Departure from normal high temperatures ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 52 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 7 degrees warmer than normal in the East. The extreme high temperature for the period was 86 degrees at LOUISA 1S and the extreme low was 36 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 0.74 inches statewide which was 0.3 inches below normal and 71% of normal. Precipitation totals by climate division, West 0.70 inches, Central 0.49 inches, Bluegrass 1.24 inches and East 0.54 inches, which was -0.50, -0.57, 0.28 and -0.42 inches respectively from normal. By station, precipitation totals ranged from a low of 0.12 inches at BENTON 4N to a high of 2.87 inches at OWENTON 5E.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 04/28/19 4 p.m.

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air		Wkly. Avg.	
				4 In. Grass					
				High	Low	High	Low		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	0.34	20.38	6.29	66	54	80	43	62	2
Berea	0.47	18.52	4.49	--	--	80	40	60	1
Bowling Green	0.21	21.68	4.60	71	54	81	43	64	4
Bristol	0.62	22.25	8.80	--	--	80	39	61	2
Buckhorn Lake	0.22	18.87	3.90	--	--	80	40	62	3
Cape Girardeau	2.28	21.94	6.56	--	--	80	46	63	1
Campbellsville	0.26	21.22	4.27	--	--	78	39	60	0
Covington	1.45	21.35	8.33	--	--	77	42	58	-1
Cumberland Gap	0.91	31.18	13.99	--	--	70	38	55	-4
Dix Dam	0.25	17.32	2.66	--	--	79	44	62	3
Evansville	1.56	24.12	9.88	--	--	79	43	61	-1
Glasgow	0.26	21.95	4.59	65	53	78	42	62	2
Grayson	0.61	14.78	2.23	--	--	81	37	61	2
Hardinsburg	1.57	23.77	7.78	--	--	80	42	62	2
Henderson	1.38	21.47	6.61	--	--	81	44	62	0
Huntington	0.93	14.10	1.63	--	--	81	39	59	0
Jackson	0.42	18.46	3.40	--	--	83	42	63	4
Lexington	0.73	18.77	4.68	63	54	80	43	62	3
London	0.83	22.53	7.37	--	--	82	39	62	3
Louisville	1.27	21.91	7.14	--	--	84	47	64	4
Mayfield	0.26	28.65	10.16	--	--	80	43	62	0
Nashville	0.21	25.71	9.37	--	--	83	43	66	6
Nolin Lake	0.41	23.17	6.92	--	--	83	44	64	4
Paducah	0.47	27.60	10.83	64	56	80	44	64	2
Princeton	0.35	22.60	4.95	72	57	80	42	62	0
Quicksand	0.23	17.78	2.72	--	--	83	37	61	2
Somerset	0.28	22.63	6.48	--	--	79	40	59	0
Spindletop	0.61	20.00	5.91	62	54	80	43	61	2
Williamstown	2.87	23.09	9.21	--	--	79	44	60	1

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 Weather Center (859) 218-4364.